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Methods in Sustainability Science - Jingzheng Ren 2021-08-05

Methods in Sustainability Science: Assessment, Prioritization, Improvement, Design and Optimization presents cutting edge, detailed methodologies needed to create sustainable growth in any field or industry, including life cycle assessments, building design, and energy systems. The book utilized a systematic structured approach to each of the methodologies described in an interdisciplinary way to ensure the methodologies are applicable in the real world, including case studies to demonstrate the methods. The chapters are written by a global team of authors in a variety of sustainability related fields. Methods in Sustainability Science: Assessment, Prioritization, Improvement, Design and Optimization will provide academics, researchers and practitioners in sustainability, especially environmental science and environmental engineering, with the most recent methodologies needed to maintain a sustainable future. It is also a necessary read for postgraduates in sustainability, as well as academics and researchers in energy and chemical engineering who need to ensure their industrial methodologies are sustainable. Provides a comprehensive overview of the most recent methodologies in sustainability assessment, prioritization, improvement, design and optimization Sections are organized in a systematic and logical way to clearly present the most recent methodologies for sustainability and the chapters utilize an interdisciplinary approach that covers all considerations of sustainability Includes detailed case studies demonstrating the efficacies of the described methods

Design Research: Between Scientific Method and Project Praxis. Notes on Doctoral Research in Design 2012 - AA. VV. 2012-09-21T00:00:00+02:00
85.84

Advising on Research Methods - Hermanus Johannes Adèr 2008

Advising on research methods - Herman J. Adèr 2015-11-16

Advising on research methods: Selected topics 2014 results from a research master course Methodological Advice that was given at the University of Amsterdam at the end of 2014 by Gideon J. Mellenbergh and Herman J. Adèr. The course had the same format as the course given in 2013. The objectives of the course were: (a) to acquire methodological knowledge that is needed for advising researchers in the behavioral and social sciences, and (b) to get experience with methodological consultancy.

The Power of Information Networks - Lei Guo 2015-12-07

The news media have significant influence on the formation of public opinion. Called the agenda-setting role of the media, this influence occurs at three levels. Focusing public attention on a select few issues or other topics at any moment is level one. Emphasizing specific attributes of those issues or topics is level two. The Power of Information Networks: The Third Level of Agenda Setting introduces the newest perspective on this influence. While levels one and two are concerned with the salience of discrete individual elements, the third level offers a more comprehensive and nuanced perspective to explain media effects in this evolving media landscape: the ability of the news media to determine how the public associates the various

elements in these media messages to create an integrated picture of public affairs. This is the first book to detail the theoretical foundations, methodological approaches, and international empirical evidence for this new perspective. Cutting-edge communication analytics such as network analysis, Big Data and data visualization techniques are used to examine these third-level effects. Diverse applications of the theory are documented in political communication, public relations, health communication, and social media research. The Power of Information Networks will interest scholars, students and practitioners concerned with the media and their social and cultural effects.

Repeated Measures Design for Empirical Researchers - J. P. Verma 2015-08-21

Introduces the applications of repeated measures design processes with the popular IBM® SPSS® software Repeated Measures Design for Empirical Researchers presents comprehensive coverage of the formation of research questions and the analysis of repeated measures using IBM SPSS and also includes the solutions necessary for understanding situations where the designs can be used. In addition to explaining the computation involved in each design, the book presents a unique discussion on how to conceptualize research problems as well as identify appropriate repeated measures designs for research purposes. Featuring practical examples from a multitude of domains including psychology, the social sciences, management, and sports science, the book helps readers better understand the associated theories and methodologies of repeated measures design processes. The book covers various fundamental concepts involved in the design of experiments, basic statistical designs, computational details, differentiating independent and repeated measures designs, and testing assumptions. Along with an introduction to IBM SPSS software, Repeated Measures Design for Empirical Researchers includes: A discussion of the popular repeated measures designs frequently used by researchers, such as one-way repeated measures ANOVA, two-way repeated measures design, two-way mixed design, and mixed design with two-way MANOVA Coverage of sample size determination for the successful implementation of designing and analyzing a repeated measures study A step-by-step guide to analyzing the data obtained with real-world examples throughout to illustrate the underlying advantages and assumptions A companion website with supplementary IBM SPSS data sets and programming solutions as well as additional case studies Repeated Measures Design for Empirical Researchers is a useful textbook for graduate- and PhD-level students majoring in biostatistics, the social sciences, psychology, medicine, management, sports, physical education, and health. The book is also an excellent reference for professionals interested in experimental designs and statistical sciences as well as statistical consultants and practitioners from other fields including biological, medical, agricultural, and horticultural sciences. J. P. Verma, PhD, is Professor of Statistics and Director of the Center for Advanced Studies at Lakshmbai National Institute of Physical Education, India. Professor Verma is an active researcher in sports modeling and data analysis and has conducted many workshops on research methodology, research designs, multivariate analysis, statistical modeling, and data analysis for students of management, physical education, social science, and economics. He is the author of Statistics for Exercise Science and Health with Microsoft® Office Excel®, also published by Wiley.

Advances in Computational Intelligence and Informatics - Raghavendra Rao Chillarige
2020-04-29

This book is a collection of outstanding papers presented at the 1st International Conference on Advances in Computational Intelligence and Informatics (ICACII 2019), organized by the Department of Computer Science & Engineering, Anurag Group of Institutions (AGI), Hyderabad, on 20–21 December 2019. It includes innovative ideas and new research findings in the field of Computational Intelligence and Informatics that will benefit researchers, scientists, technocrats, academics and engineers alike. The areas covered include high-performance systems, data science and analytics, computational intelligence and expert systems, cloud computing, computer networks and emerging technologies.

Advising on Research Methods: a Consultant's Companion - Hermanus Johannes Adèr 2011

Imaging and Radioanalytical Techniques in Interdisciplinary Research - Faycal Kharfi
2013-03-13

The overall goal of this book is to promote research and development of imaging and radioanalytical techniques by publishing high-quality chapters in this rapidly growing interdisciplinary field. This book discusses the principles and applications of imaging and radioanalytical techniques across a wide spectrum of interdisciplinary science, technology and medicine, where these techniques are expected to make significant difference and contribution. It also explores the history of the field, current trends, and future directions. The book focuses mainly on cutting-edge applications, and associated equipments and methods, such as instrumentation systems and computing hardware/software. The primary target audience for this book includes students, researchers, clinicians, and professionals who are interested in medical and ground penetrating radar (GPR) imaging, and radioanalytical techniques.

BUDGETING FOR A THAI AUTONOMOUS UNIVERSITY - WASAN KANCHANAMUKDA 2014-12-31

This unique book analyses the bold attempts of the Thai Government to encourage State universities to move to autonomous governance and management. Systems used for universities that are similar to government departments are often inadequate for the increased responsibility of autonomy. In this book, Dr Wasan details the process of transition, including some pitfalls, over a five-year period as Thaksin University evolved to become 'autonomous'. Including history, accounting and foreign inputs, the book provides a narrative of the policy and procedural changes needed to make autonomy work. Complemented by surveys of two other universities and users of the new procedures, the book concludes that the continuous improvement resulting from proper budgeting offers a benchmark for government universities seeking to improve their efficiency and effectiveness. It is a wise book insofar as it does not claim that there is one path to follow. Those concerned with university management, particularly in Thailand and the region, will find this is a book they keep at hand for many years.

Why did Anticorruption Policy Fail? - Roby Arya Brata 2014-09-01

This book examines the cases of implementation failure of the Indonesian Anticorruption Law 1971 of the authoritarian New Order regime, and of the Anticorruption Law 1999 of the democratic Reform Order regime. It investigates to what extent and for what reasons the implementation of these Laws failed to attain the policy objectives of eradicating corruption in the public sector under the two different political systems. The book concludes that combating corruption in a developing country undergoing political transition from an authoritarian to a democratic political system is problematic and difficult. When corruption has systematically infected and distorted the institutional structures and processes of the government, in particular the law enforcement mechanisms, implementing anticorruption laws is expected to be suboptimal and subsequently fail. To overcome this problem, the factors contributing to the policy implementation failure must be eliminated.

Entrepreneurship Quality Index (EQI) - Nezameddin Faghieh 2021-08-28

This book tackles the perplexing problem of how to capture the qualitative differences that exist

in entrepreneurship at any given point in time or across time, by presenting a novel qualitative index: Entrepreneurship Quality Index (EQI). This comprehensive composite index is based on recognized interactions among different factors affecting intensity and types of entrepreneurial activity, which in turn is impacting the well-being. It brings qualitative differences in entrepreneurship depending on time and space into calculation of the composite index. Besides, EQI is the missing piece of the entrepreneurship puzzle, and the quality of entrepreneurship is a significant factor that shows why less developed countries do not achieve higher levels of economic growth, despite their high rate of entrepreneurial activities. This book does a masterful job in explaining the diversity of existing perspectives, their contributions, and their shortfalls. It applies rigorous tools of mathematical statistics and quality engineering, such as Bayes' rule, maximum likelihood estimation, six sigma algorithm, and standardization equation, to derive and introduce EQI, as a novel operations research model. It offers a number of important ideas and insights as to how the quality of entrepreneurship can be measured more accurately. It also illustrates the proposed approaches showing their efficacy across time. The proposed solutions are logical and empirically sound; they represent an important leap in thinking about the quality of entrepreneurship. Its contribution is crucial and timely — one that will be well recognized by researchers worldwide. They give a much-needed framework along with the necessary tools to evaluate and measure entrepreneurial activities.

Neutrosophic Sets and Systems, Vol. 37, 2020. Special issue: Impact of neutrosophy in solving the Latin American's social problems - Florentin Smarandache

The main objective of this special issue is to divulge the applicability of the Neutrosophic Theory and to explore the possibilities and advantages of neutrosophic tools, through both the presentation of thorough research and case studies in solving social problems in Latin America. The best presentations discussed at the III International Congress of Educational Research and University Innovation, turned into papers, show us the capacity for socialization of neutrosophic knowledge and its link with this science of validation and consolidation of scientific knowledge. This publication with authors from 11 countries that we place in the hands of the international scientific community, constitutes an example of how in Latin America the Neutrosophy is contributing to complex solutions based on the results of scientific research carried out by teachers and students committed to the social responsibility of continuing to progress for the benefit of humanity.

Security and Human Rights - Benjamin J Goold 2019-09-05

This is the second edition of the acclaimed Security and Human Rights, first published in 2007. Reconciling issues of security with a respect for fundamental human rights has become one of the key challenges facing governments throughout the world. The first edition broke the disciplinary confines in which security was often analysed before and after the events of 11 September 2001. The second edition continues in this tradition, presenting a collection of essays from leading academics and practitioners in the fields of criminal justice, public law, privacy law, international law, and critical social theory. The collection offers genuinely multidisciplinary perspectives on the relationship between security and human rights. In addition to exploring how the demands of security might be reconciled with the protection of established rights, Security and Human Rights provides fresh insight into the broader legal and political challenges that lie ahead as states attempt to control crime, prevent terrorism, and protect their citizens. The volume features a set of new essays that engage with the most pressing questions facing security and human rights in the twenty-first century and is essential reading for all those working in the area.

Advising on research methods 2014 - Herman Adèr 2015

Advising on research methods - Herman Ader 2014-01-31

This reader contains a collection of articles based on presentations held at the KNAW Colloquium 'Advising on research methods' held in March 2007 in Amsterdam. Contribution by Janice Derr, Hilde Tobi, Gerald van Belle, Victor van Daal, Robert Pool, Jules Ellis, Bo Lu and Herman Adèr on a

variety of topics but all related to statistical advising. For a table of contents, see:

<http://www.know.nl/colloquia/advising/index.cfm#proceedings>

Media Audience Research - Graham Mytton 2016-01-26

The only comprehensive training book on conducting research into all forms of media This book outlines all the methods for conducting research—both active and passive as well as quantitative and qualitative—in all forms of media, including new media such as the Internet, mobile phones and social media. It explains the ways in which media audiences are measured, understood and taken into account in media planning, advertising sales and social development campaigns. It shows how datasets are analysed and used. The statistical theories behind good quantitative research are explained in simple and accessible language. The book is intended for both media research scholars and practitioners.

Multimedia and Literacy Development - Adriana G. Bus 2014-06-03

Representing the state of the art in multimedia applications and their promise for enhancing early literacy development, this volume broadens the field of reading research by looking beyond print-only experiences to young readers' encounters with multimedia stories on the Internet and DVD. Multimedia storybooks include, in addition to static pictures and written text, features such as oral text, animations, sounds, zooms, and scaffolds designed to help convey meaning. These features are changing how young children read text, and also provide technology-based scaffolds for helping struggling readers. Multimedia and Literacy Development reports experimental research and practices with multimedia stories indicating that new dimensions of media contribute to young children's ability to understand stories and to read texts independently. This is the first synthesis of evidence-based research in this field. Four key themes are highlighted:

Understanding the multimedia environment for learning
Designing multimedia applications for learning
New approaches to storybook reading
Multimedia applications in classroom instruction.
Written in jargon-free language for an international audience of students in university courses on literacy and information technology, researchers, policymakers, program developers, and media specialists, this volume is essential reading for all professionals interested in early literacy and early interventions.

Dissertation and Scholarly Research: Recipes for Success: 2018 Edition - Jim Goes 2017-09-20

A Dissertation Guide for Professional Learners
Doctoral education has changed dramatically over the last three decades. Traditionally, pursuit of a doctoral or research credential involved intense study at a large, traditional research university, and was reserved for those seeking careers in academia or research. The process of completing doctoral level work at traditional universities usually required a commitment to full time study, varied tremendously between institutions, and was often somewhat mysterious. Today, all this has changed. The emergence and growth of online education has led to a proliferation of doctoral learning possibilities for busy professionals. Individuals in the industry, nonprofit, and education are sectors are pursuing doctoral study as a means to advance their careers, increase their market value in the workplace, and establish their professional stature. If this sounds like you, then you have come to the right place. Recipes for Success is the book that will launch you on a successful quest for the doctoral degree.

Dissertations are very personal endeavors and accomplishments, originating with problems and issues that are meaningful and important to the doctoral learner. These professionals are deeply grounded in their understanding of the issues and needs of their profession. Recipes build on this understanding, helping learners to discover and frame issues they are passionate about, and construct a credible and influential research study around this passion. While most dissertation guides focus largely or exclusively on the mechanics of writing and organization, Recipes approaches dissertation development as an iterative process of thinking and self-reflection that leads learners to discover what matters most to them and to their professions, and enables them to frame this meaning into a research problem and purpose, and to organize and execute a study design to fit, and thus solve the problem and achieve the purpose. From the very beginning of your doctoral journey to the ultimate achievement of degree completion, this book is your guide

to the process and content of dissertation and research creation. In Recipes for Success, we articulate a process by which you can build the pieces of a successful and influential dissertation. Using a workbook approach rich in tools, templates, frameworks, examples, web integration, and hard-won lessons from experience, Recipes provides a friendly, easy to navigate process crafting issues and ideas into research and results. Based on our 40+ years of collective experience in the online educational setting, mentoring over 300 professional learners to success in completing their doctorates (including numerous award winners), we identify the most important factors for success and the traps to avoid. Whether you are considering doctoral study, are already in a doctoral program, or are working to develop and complete your dissertation, you will find Recipes for Success a key ingredient in your success as a doctoral learner. Our graduates tell us that Recipes is THE book that made a difference in their doctoral career and success. YOU can do it too! Good luck on your doctoral journey!

Electrocardiographic Imaging - Maria S. Guillem 2020-04-17

Electrical activity in the myocardium coordinates the contraction of the heart, and its knowledge could lead to a better understanding, diagnosis, and treatment of cardiac diseases. This electrical activity generates an electromagnetic field that propagates outside the heart and reaches the human torso surface, where it can be easily measured. Classical electrocardiography aims to interpret the 12-lead electrocardiogram (ECG) to determine cardiac activity and support the diagnosis of cardiac pathologies such as arrhythmias, altered activations, and ischemia. More recently, a higher number of leads is used to reconstruct a more detailed quantitative description of the electrical activity in the heart by solving the so-called inverse problem of electrocardiography. This technique is known as ECG imaging. Today, clinical applications of ECG imaging are showing promising results in guiding a variety of electrophysiological interventions such as catheter ablation of atrial fibrillation and ventricular tachycardia. However, in order to promote the adoption of ECG imaging in the routine clinical practice, further research is required regarding more accurate mathematical methods, further scientific validation under different preclinical scenarios and a more extensive clinical validation

ITJEMAST 10(12) 2019 -

International Transaction Journal of Engineering, Management, & Applied Sciences & Technologies publishes a wide spectrum of research and technical articles as well as reviews, experiments, experiences, modelings, simulations, designs, and innovations from engineering, sciences, life sciences, and related disciplines as well as interdisciplinary/cross-disciplinary/multidisciplinary subjects. Original work is required. Article submitted must not be under consideration of other publishers for publications.

Advising on research methods: Selected topics 2012 - 2012

Financial Risk Management in Banking - Shahsuzan Zakaria 2019-08-08

As risk-taking is an essential part of the banking industry, banks must practise efficient risk management to ensure survival in uncertain financial climates. Banking operations are specifically affected by fluctuations in interest rates which cause financial imbalance; thus banks are now required to put in place an effective management structure that incorporates risk management efficiency measures that help mitigate the wide range of risks they face. In this book, the authors have developed a new modelling approach to determine banks' financial risk management by offering detailed insights into the integrated approach of dollar-offset ratio and Data Envelopment Analysis (DEA), based on derivatives usage. It further analyses the efficiency measurement under stochastic DEA approaches, namely (i) Bootstrap DEA (BDEA), (ii) Sensitivity Analysis and (iii) Chance-Constrained DEA (CCDEA). As demonstrated in the modelling exercise, this integrated approach can be applied to other cases that require risk management efficiency measurement strategies. Additionally, this is the first book to comprehensively review the derivative markets of both the developed and developing countries in the Asia-Pacific region, by examining the differences of risk management efficiency of the banking institutions in these countries. Based on

this measurement approach, strategies are provided for banks to improve their strategic risk management practices, as well as to reduce the impacts from external risks, such as changes in interest rates and exchange rates. Furthermore, this book will help banks to keep abreast of recent developments in the field of efficiency studies in management accounting, specifically in relation to hedge accounting, used by banks in the Asia-Pacific region.

Advising on research Methods: Selected topics 2011 - Adèr & Mellenbergh (Eds.) 2011

Data Analysis in Management with SPSS Software - J.P. Verma 2012-12-13

This book provides readers with a greater understanding of a variety of statistical techniques along with the procedure to use the most popular statistical software package SPSS. It strengthens the intuitive understanding of the material, thereby increasing the ability to successfully analyze data in the future. The book provides more control in the analysis of data so that readers can apply the techniques to a broader spectrum of research problems. This book focuses on providing readers with the knowledge and skills needed to carry out research in management, humanities, social and behavioural sciences by using SPSS.

The Crest of the Innovation Management Research Wave - Marcus Tynnhammar 2020-04-02

For the ninth year running, the ISPIM Dissertation Award has attracted a wealth of PhD dissertations from all over the globe, which have once again contributed significantly to the field of Innovation Management. Comprising of submissions from the 2019 ISPIM Dissertation Award deemed to be of both high quality and high interest, *The Crest of the Innovation Management Research Wave* offers readers insights into the depth and breadth of research potential in the latest wave of innovation management. This publication provides a window into what the latest generation of scholars are contributing to the innovation management field, as well as into what they find significant and what might become important for the field over time. The wide selection included in this book offers a strong insight into new and upcoming developments in innovation management, drawing attention to interesting empirical areas to research. This edited volume will be of particular interest not only to students but also researchers and professional managers either interested or actively involved in cutting-edge research in the field of innovation management.

Environmentally Significant Behaviour in the Czech Republic: Energy, Food and Transportation - Milan Ščasný 2013-05-01

This book strives to present the results of research into the consumption of goods and services in Czech households. The first two chapters focus on the effect of consumption on the environment and theoretical approaches towards consumption and behaviour analysis. The remaining five chapters look into consumer behaviour and its significant effect on the environment, such as a demand for energy and transport, energy-saving measures in households, car ownership and organic food consumption. This book aims to point out the environmental effects related to these types of behaviour and provide new information on the frequency of these types of consumer behaviour in various segments of the Czech society. This publication also accentuates the policies and other intervention tools that may be used to influence consumer behaviour.

Research Paradigm Considerations for Emerging Scholars - Anja Pabel 2021-05-12

This book provides insights into the lived experiences of researchers as they negotiate the undulating terrain of the world of paradigms and seek to find their niche. Each chapter presents the journeys of postgraduate candidates, early career researchers and established scholars, starting with an overview of their paradigm, the application of the paradigm to their specific research context, and concluding with the authors reflecting on their identification with and use of the paradigm. The volume acknowledges that determining the paradigm that best aligns with a scholar's personal ideologies and the underlying assumptions of the research can be rather daunting, challenging and perplexing to scholars who are starting their research journey. It offers an accessible exploration of research paradigms and will be a valuable resource for postgraduate researchers, emerging scholars and PhD supervisors.

International Business Strategy and Entrepreneurship: An Information Technology Perspective - Ordóñez de Pablos, Patricia 2013-11-30

There is a high demand in our society to adopt emerging technologies in all aspects of business and economic activity. As traditional business practices and economic activity are occurring in a global context, new areas of economic development are being recognized as the key enablers of wealth and income production. *International Business Strategy and Entrepreneurship: An Information Technology Perspective* discusses innovative solutions to research problems and high performance systems while emphasizing the role of IT and management for sustainable development. This book brings together academics, researchers, entrepreneurs, policy makers and government officers aiming to contribute to the debate of technology related to international business and strategic management.

Smart Digital Futures 2014 - R. Neves-Silva 2014-06-23

The interdisciplinary field of smart digital systems is crucial to modern computer science, encompassing artificial intelligence, information systems and engineering. For over a decade the mission of KES International has been to provide publication opportunities for all those who work in knowledge intensive subjects. The conferences they run worldwide are aimed at facilitating the dissemination, transfer, sharing and brokerage of knowledge in a number of leading edge technologies. This book presents some 80 papers selected after peer review for inclusion in three KES conferences, held as part of the Smart Digital Futures 2014 (SDF-14) multi-theme conference in Chania, Greece, in June 2014. The three conferences are: Intelligent Decision Technologies (KES-IDT-14), Intelligence Interactive Multimedia Systems and Services (KES-IIMSS-14), and Smart Technology-based Education and Training (KES-STET-14). The book will be of interest to all those whose work involves the development and application of intelligent digital systems.

Monetary and Financial Statistics Manual and Compilation Guide - Mr. Jose M Cartas 2017-11-09

This edition of *Monetary and Financial Statistics Manual and Compilation Guide (Manual)* updates and merges into one volume methodological and practical aspects of the compilation process of monetary statistics. The Manual is aimed at compilers and users of monetary data, offering guidance for the collection and analytical presentation of monetary statistics. The Manual includes standardized report forms, providing countries with a tool for compiling and reporting harmonized data for the central bank, other depository corporations, and other financial corporations.

International Journal of Cross-Cultural Studies - Siddhartha Sarkar 2016-02-16

CONTENTS 1. Evaluation of Municipal Managers' Roles in Strategic Implementation: A Study of Matatiele Municipality in South Africa by Samuel M. Lehanya et al. 2. Nexus of Trafficking and Migration Issues by Siddhartha Sarkar 3. Perceptions of Senior Staff on Empowerment Strategies in a Tertiary Institution in Ghana by Rosemond Boohene et al 4. Western Cinema and the Work of Empire: Turning the Spotlight on the Orient by Wincharles Coker 5. Babyfacedness: Sometimes a Plus Sometimes a Minus for Male Attractiveness Ratings by Don R. Osborn

Supply Chain Strategies and the Engineer-to-Order Approach - Addo-Tenkorang, Richard 2016-04-07

With the rise of global competitiveness among industries, it has become increasingly vital to develop novel strategies to assist in optimizing value-chain networks, thus helping to secure economic success. By employing engineer-to-order practices, many enterprises have improved their manufacturing processes. *Supply Chain Strategies and the Engineer-to-Order Approach* evaluates innovative processes and original operational models, frameworks, and architectures in the topic areas of industrial engineering and management science. Featuring optimized enterprise chain management strategies and emergent research within the field, this book is an essential reference source for professional, academics, and researchers specializing in enterprise operations and engineer-to-order procedures.

Modern Perspectives on Virtual Communications and Social Networking - Thakur, Jyotsana 2018-10-12

With the prevalence of social media, businesses and other organizations have a growing need to utilize various online media platforms and sites to engage and interact with their potential consumer base. Virtual communities and social networking can provide an effective escape route from the limits imposed by traditional media. Using optimal strategies can lead to more successful outcomes when using these platforms. *Modern Perspectives on Virtual Communications and Social Networking* provides innovative insights into connection and conversation through internet media that foster trust, commitment, and transparency in business. The content within this publication represents the potential to create virtual bonds with consumers through the observation of buying behavior, social media best practices, and digital marketing strategies. It is designed for business professionals, academicians, consultants, managers, marketers, and researchers and covers topics centered on the use of online media as a method of reaching a wider population.

Firm Competitive Advantage Through Relationship Management - Bartosz Deszczyński 2021-03-25
Relationship management (RM) is an essential part of business, but its success as a business model can be hard to measure, with some firms embracing a model that is truly relationship-orientated, while others claim to be relationship-orientated but in fact prefer transactional short-term gain. This open access book aims to develop a mid-range theory of relationship management, examining truly relationship-orientated firms to discover not only what qualities these firms have that make them successful at the RM model, but also what benefits this model has for the firm. It addresses questions like how RM-mature companies achieve and sustain competitive advantage, and what determines the scale and scope of these firms, illustrating with case studies. This book will be of interest to scholars studying leadership and strategy, especially those interested in relationship management, business ethics and corporate social responsibility. It will also be of interest to professionals looking to develop their understanding of relationship management.

Statistical Rules of Thumb - Gerald van Belle 2011-09-20
Praise for the First Edition: "For a beginner [this book] is a treasure trove; for an experienced person it can provide new ideas on how better to pursue the subject of applied statistics."
—Journal of Quality Technology
Sensibly organized for quick reference, *Statistical Rules of Thumb*, Second Edition compiles simple rules that are widely applicable, robust, and elegant, and each captures key statistical concepts. This unique guide to the use of statistics for designing, conducting, and analyzing research studies illustrates real-world statistical applications through examples from fields such as public health and environmental studies. Along with an insightful discussion of the reasoning behind every technique, this easy-to-use handbook also conveys the various possibilities statisticians must think of when designing and conducting a study or analyzing its data. Each chapter presents clearly defined rules related to inference, covariation, experimental design, consultation, and data representation, and each rule is organized and discussed under five succinct headings: introduction; statement and illustration of the rule; the derivation of the rule; a concluding discussion; and exploration of the concept's extensions. The author also introduces new rules of thumb for topics such as sample size for ratio analysis, absolute and relative risk, ANCOVA cautions, and dichotomization of continuous variables. Additional features of the Second Edition include: Additional rules on Bayesian topics New chapters on observational studies and Evidence-Based Medicine (EBM) Additional emphasis on variation and causation Updated material with new references, examples, and sources A related Web site provides a rich learning environment and contains additional rules, presentations by the author, and a message board where readers can share their own strategies and discoveries. *Statistical Rules of Thumb*, Second Edition is an ideal supplementary book for courses in experimental design and survey research methods at the upper-undergraduate and graduate levels. It also serves as an indispensable reference for statisticians, researchers, consultants, and scientists who would like to develop an understanding of the statistical foundations of their research efforts. A related website www.vanbelle.org provides additional rules, author presentations and more.

Testing Statistical Assumptions in Research - J. P. Verma 2019-03-04

Comprehensively teaches the basics of testing statistical assumptions in research and the importance in doing so This book facilitates researchers in checking the assumptions of statistical tests used in their research by focusing on the importance of checking assumptions in using statistical methods, showing them how to check assumptions, and explaining what to do if assumptions are not met. *Testing Statistical Assumptions in Research* discusses the concepts of hypothesis testing and statistical errors in detail, as well as the concepts of power, sample size, and effect size. It introduces SPSS functionality and shows how to segregate data, draw random samples, file split, and create variables automatically. It then goes on to cover different assumptions required in survey studies, and the importance of designing surveys in reporting the efficient findings. The book provides various parametric tests and the related assumptions and shows the procedures for testing these assumptions using SPSS software. To motivate readers to use assumptions, it includes many situations where violation of assumptions affects the findings. Assumptions required for different non-parametric tests such as Chi-square, Mann-Whitney, Kruskal Wallis, and Wilcoxon signed-rank test are also discussed. Finally, it looks at assumptions in non-parametric correlations, such as bi-serial correlation, tetrachoric correlation, and phi coefficient. An excellent reference for graduate students and research scholars of any discipline in testing assumptions of statistical tests before using them in their research study Shows readers the adverse effect of violating the assumptions on findings by means of various illustrations Describes different assumptions associated with different statistical tests commonly used by research scholars Contains examples using SPSS, which helps facilitate readers to understand the procedure involved in testing assumptions Looks at commonly used assumptions in statistical tests, such as z, t and F tests, ANOVA, correlation, and regression analysis *Testing Statistical Assumptions in Research* is a valuable resource for graduate students of any discipline who write thesis or dissertation for empirical studies in their course works, as well as for data analysts. *Reading in the Digital Age: Young Children's Experiences with E-books* - Ji Eun Kim 2019-07-23
This edited book focuses on affordances and limitations of e-books for early language and literacy, features and design of e-books for early language and literacy, print versus e-books in early language and literacy development, and uses of and guidelines for how to use e-books in school and home literacy practices. Uniquely, this book includes critical reviews of diverse aspects of e-books (e.g., features) and e-book uses (e.g., independent reading) for early literacy as well as multiple examinations of e-books in home and school contexts using a variety of research methods and/or theoretical frames. The studies of children's engagement with diverse types of e-books in different social contexts provide readers with a contemporary and comprehensive understanding of this topic. Research has demonstrated that ever-increasing numbers of children use digital devices as part of their daily routine. Yet, despite children's frequent use of e-books from an early age, there is a limited understanding regarding how those e-books are actually being used at home and school. As more e-books become available, it is important to examine the educational benefits and limitations of different types of e-books for children. So far, studies on the topic have presented inconsistent findings regarding potential benefits and limitations of e-books for early literacy activities (e.g., independent reading, shared reading). The studies in this book aim to fill such gaps in the literature.

Basic Concepts in Computational Physics - Benjamin A. Stickler 2016-03-21
This new edition is a concise introduction to the basic methods of computational physics. Readers will discover the benefits of numerical methods for solving complex mathematical problems and for the direct simulation of physical processes. The book is divided into two main parts: Deterministic methods and stochastic methods in computational physics. Based on concrete problems, the first part discusses numerical differentiation and integration, as well as the treatment of ordinary differential equations. This is extended by a brief introduction to the numerics of partial differential equations. The second part deals with the generation of random numbers, summarizes the basics of stochastics, and subsequently introduces Monte-Carlo (MC) methods. Specific emphasis is on MARKOV chain MC algorithms. The final two chapters discuss

data analysis and stochastic optimization. All this is again motivated and augmented by applications from physics. In addition, the book offers a number of appendices to provide the reader with information on topics not discussed in the main text. Numerous problems with worked-out solutions, chapter introductions and summaries, together with a clear and application-oriented style support the reader. Ready to use C++ codes are provided online.

Fundamentals of Evidence-Based Health Care and Translational Science - Francesco Chiappelli 2014-03-18

Comparative effectiveness research – the conduct and synthesis of systematic research in order to compare the benefits and harms of alternative treatment options – is of critical importance in

enabling informed health care decisions to be made. This user-friendly, practical handbook examines in depth how best to perform such comparative effectiveness research. A wide range of topics and methods are discussed, including research synthesis, sampling analysis, assessment of evidence design, systematic evaluation of statistical analysis, and meta-analysis. The discussion extends well beyond the fundamentals by encompassing “complex” systematic reviews, “cumulative” meta-analyses, and logic-based versus utility-based decision making. Health care providers, researchers, instructors, and students will all find this to be an invaluable reference on the compelling current issues and important analytical tools in comparative effectiveness research.